

COMBINED DECLARATION/POWER OF ATTORNEY

ATTORNEY DOCKET NO.: PA000275

AS BELOW NAMED INVENTOR, I HEREBY DECLARE THAT: This Declaration is of the following type:

☒ Original ☐ Supplemental ☐ Continuation-In-Part ☐ Divisional
☐ Continuation ☐ National Stage of PCT

My residence, post office address and citizenship are as stated below next to my name: I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Method and Apparatus for Predictively Quantizing Voiced Speech**, the specification of which:

☒ is attached hereto.
☐ was filed on _____ as Serial No. _____
☐ was described and claimed in PCT International Application No. _____ filed on _____
 and as amended under PCT Article 19 on _____

I hereby state that I have reviewed and understand the contents of the identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37CFR § 1.56(a).

I hereby claim foreign priority benefits under 35 USC § 119 of any foreign applications for a patent or inventor's certificate or of any PCT International applications designating at least one country other than the United States listed below and have also identified below any foreign applications for a patent or inventor's certificate or any PCT International applications designating at least one country other than the United States filed by me on the same subject matter having a filing date before that of the applications of which priority is claimed.

Priority Claimed

(Country)	(Application No.)	(Day/Month/Year/Filed)	(Yes)	(No)
I hereby claim the benefit under 35 USC § 120 of the United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC § 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:				

(Serial No.)	(Filing Date)	(Status)
I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Russell B. Miller, Reg. No. 31,122, Gregory D. Ogrod, Reg. No. 30,880, Sean English, Reg. 37,319, Roger W. Martin Reg. No. 39, 291, Thomas R. Rouse Reg. No. 40,793, Kevin J. Clark, Reg. No. 42,421, Thomas Streeter Reg. No. 30,007, Kent D. Baker Reg. No. 38,882, Thomas M. Thibault Reg. No. 42,181, Charles D. Brown Reg. No. 28,285, Kyong H. Macek Reg. No. 42, 977, Byron Yafuso Reg. No. 45,244, Pavel Kalousek Reg. No.44,178, Christopher O. Edwards Reg. No. 36,127, Raymond Hom Reg. No. 44,773 and Bruce W. Greenhaus Reg. No. 37,339, Philip R. Wadsworth, Reg. No. 29,219; Sayed Hossain Beladi, Reg. No. 42,311, Michael D. Hartogs, Reg. No. 36,547; Sandip Minhas, Reg. No. 44,945. Please direct all telephone calls to Philip R. Wadsworth at (858) 651-4404 and address all correspondence to: Jean Lupien, QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, California 92121-1714.		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Second or First Inventor Arasanipalai K. Ananthapadmanabhan	Inventor Signature	Date
Residence 10187 Camino Ruiz #127, San Diego, California 92126		Citizenship India
Post Office Address 10187 Camino Ruiz #127, San Diego, California 92126		
Full Name of Third or Joint Inventor if any Sharath Manjunath	Inventor Signature	Date
Residence 7104 Schilling Avenue, #5, San Diego, California 92126		Citizenship India
Post Office Address 7104 Schilling Avenue, #5, San Diego, California 92126		

QUALCOMM Incorporated
 5775 Morehouse Drive
 San Diego, California 92121-1714
 Telephone: (858) 651-4404
 Facsimile: (858) 658-2502

Full Name of Third or Joint Inventor if any Pengjun Huang	Inventor Signature	Date
Residence 11805-C Spruce Run Drive, San Diego, California 92131		Citizenship China
Post Office Address 11805-C Spruce Run Drive, San Diego, California 92131		
Full Name of Fourth or Joint Inventor if any Eddie-Lun Tik Choy	Inventor Signature	Date
Residence 9930 Reagan Road, #248, San Diego, California 92126		Citizenship Canada
Post Office Address 9930 Reagan Road, #248, San Diego, California 92126		
Full Name of Fifth or Joint Inventor if any Andrew P. DeJaco	Inventor Signature	Date
Residence Andrew P DeJaco		Citizenship United States
Post Office Address 10424 Flanders Cove, San Diego, California 92126		

QUALCOMM Incorporated
 5775 Morehouse Drive
 San Diego, California 92121-1714
 Telephone: (858) 651-4404
 Facsimile: (858) 658-2502



COMBINED DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.: PA000275

AS BELOW NAMED INVENTOR, I HEREBY DECLARE THAT: This Declaration is of the following type:

☒ Original
☐ Continuation

☐ Supplemental

☐ Continuation-In-Part
☐ National Stage of PCT

☐ Divisional

My residence, post office address and citizenship are as stated below next to my name: I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if multiple names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention METHOD AND APPARATUS FOR PREDICTIVELY QUANTIZING VOICED SPEECH the specification of which:

☐ is attached hereto.
☒ was filed on 04/24/2000 as Serial No. 09/557,282.
☐ was amended on (if applicable).
☐ was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

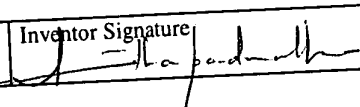
(Country)	(Application No.)	(Day/Month/Year/Filed)	Priority Claimed (Yes)	(No)
-----------	-------------------	------------------------	---------------------------	------

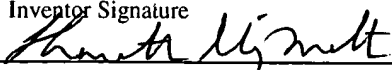
I hereby claim the benefit under Title 35 USC 120 of the United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC 112, I acknowledge the duty to disclose material information as defined in Title 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:


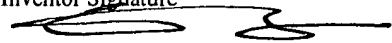
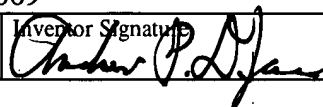
(Serial No.)	(Filing Date)	(Status)
--------------	---------------	----------

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Russell B. Miller, Reg. No. 31,122, Gregory D. Ogrod, Reg. No. 30,880, Bruce W. Greenhaus, Reg. No. 37,339, Charles D. Brown, Reg. No. 28,285, Thomas R. Rouse, Reg. No. 40,793, Kent D. Baker, Reg. No. 38,822, Thomas M. Thibault, Reg. No. 42,181, Tom Streeter, Reg. No. 32,007, Christopher O. Edwards, Reg. No. 36,127, Pavel Kalousek, Reg. No. 44,178, Kyong H. Macek, Reg. No. 42,977, Byron Yafuso, Reg. No. 45,244, Raymond B. Hom, Reg. No. 44,773, Kevin J. Clark, Reg. No. 42,421, Sean English, Reg. No. 37,319, Roger W. Martin, Reg. No. 39,291, Sandip S. Minhas, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 36,547, Philip R. Wadsworth, Reg. No. 29,219 and S. Hossain Beladi, Reg. No. 42,311, Albert J. Harnois, Reg. No. 46,123. Please direct all telephone calls to Philip R. Wadsworth at (858) 651-4404 and address all correspondence to: Sarah Kirkpatrick, Manager, Intellectual Property Administration, QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, California 92121-1714.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Joint Inventor Arasanipalai K. Ananthapadmanabhan	Inventor Signature 	Date 7/20/2000
Residence 10187 Camino Ruiz #127, San Diego, California 92126	Citizenship INDIA	
Post Office Address 10187 Camino Ruiz #127, San Diego, California 92126		

Full Name of Second or Joint Inventor Sharath Manjunath	Inventor Signature 	Date 10/1/2000
Residence 2031, 39 KANAKPURA ROAD, BASAVANAGUDI, BANGALORE 560004, INDIA 7104 Schilling Avenue #5, San Diego, California 92126	Citizenship INDIA	
Post Office Address 2031, 39 KANAKPURA ROAD, BASAVANAGUDI, BANGALORE 560004, INDIA 7104 Schilling Avenue #5, San Diego, California 92126.		

Full Name of Third or Joint Inventor Pengjun Huang	Inventor Signature 	Date 7/20/2000
Residence 11805-C Spruce Run Drive, San Diego, California 92126	Citizenship CHINA	
Post Office Address 11805-C Spruce Run Drive, San Diego, California 92126		
Full Name of Fourth or Joint Inventor Eddie-Lun Tik Choy	Inventor Signature 	Date 7/20/2000
Residence 6020 Paseo Airoso, Carlsbad, California 92009	Citizenship CANADA	
Post Office Address 6020 Paseo Airoso, Carlsbad, California 92009		
Full Name of Fifth or Joint Inventor Andrew P. DeJaco	Inventor Signature 	Date 7/20/2000
Residence 9705 Caminito Mojado, San Diego, California 92131	Citizenship USA	
Post Office Address 9705 Caminito Mojado, San Diego, California 92131		

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-4404
Fax: (858) 658-2502